Controlling spins in nanodevices via spin-orbit interaction, magnons and heat

Das, Kumar Sourav

Curriculum Vitae

Kumar Sourav Das

18 October 1988 — Born in Burdwan, India

Education

09/2014 - 12/2018 — PhD in Physics, *Physics of Nanodevices* research group
Zernike Institute for Advanced Materials
University of Groningen, The Netherlands
Thesis title: *"Controlling spins in nanodevices via spin-orbit interaction, magnons and heat"*
Supervisors: Prof. B. J. van Wees & Dr. I. J. Vera-Marun.

09/2012 - 08/2014 — M.Sc. Top Master Nanoscience (Cum Laude)
University of Groningen, The Netherlands
Research project: *"Current-perpendicular-to-plane transport across graphene-silicon interface using ballistic electron emission microscopy (BEEM)"*
Supervisor: Prof. T. Banerjee

07/2007 - 06/2010 — B.Sc. Physics (First Class)
St. Xavier's College, University of Calcutta, India

Work experience

01/2019 - present	Design Engineer, EUV source ASML, Netherlands
01/2011 - 04/2012	Teacher of Physics, Chemistry and Mathematics Burdwan Model School (CBSE), Burdwan, India

Extracurricular activities

11/2017	Participant, Physics with Industry Workshop 2017 Netherlands Organization for Scientific Research (NWO), Leiden, The Netherlands
12/2015 - 08/2017	Board Member, PhD Council and Sounding Board Graduate School of Science and Engineering University of Groningen, The Netherlands
12/2015 - 10/2016	Chairman, PhD Day 2016 Organizing Committee University of Groningen, The Netherlands
07/2014 - 09/2016	International Alumni Ambassador University of Groningen, The Netherlands